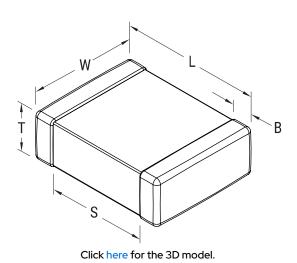




SMD Comm X8G HT150C Flex, Ceramic, 0.15 uF, 20%, 50 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 2220, 3.5 mm



| General Information      |  |
|--------------------------|--|
| Series                   | SMD Comm X8G HT150C Flex                     |
| Style                    | SMD Chip                                     |
| Description              | SMD, MLCC, High Temperature,<br>Ultra-Stable |
| Features                 | High Temperature, Ultra-Stable               |
| RoHS                     | Yes  |
| Termination              | Flexible Termination                         |
| Marking                  | No   |
| AEC-Q200                 | No   |
| Typical Component Weight | 130 mg                                       |
| Shelf Life               | 78 Weeks                                     |
| MSL                      | 1  |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 2220            |
| L          | 5.9mm +/-0.75mm |
| W          | 5mm +/-0.4mm    |
| Т          | 1mm +/-0.15mm   |
| S          | 3.5mm MIN       |
| В          | 0.7mm +/-0.35mm |
|            |                 |

| L                        | 5.9mm +/-0.75mm | Measi  |
|--------------------------|-----------------|--------|
| W                        | 5mm +/-0.4mm    | Tolera |
| Т                        | 1mm +/-0.15mm   | Voltag |
| S                        | 3.5mm MIN       | Dielec |
| В                        | 0.7mm +/-0.35mm | Temp   |
|                          |                 | Temp   |
| Packaging Specifications |                 | Canad  |

| Specifications   |  |
|--|--|
| Capacitance  | 0.15 uF  |
| Measurement Condition  | 1 kHz 1.0Vrms                                      |
| Tolerance  | 20%  |
| Voltage DC   | 50 VDC   |
| Dielectric Withstanding Voltage  | 125 VDC  |
| Temperature Range  | -55/+150°C   |
| Temp. Coefficient  | X8G  |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms                             |
| Dissipation Factor   | 0.1% 1 kHz 1.0Vrms                                 |
| Aging Rate   | 0% Loss/Decade Hour: Referee<br>Time is 1000 Hours |
| Insulation Resistance  | 6.6667 GOhms                                       |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 330mm, Plastic Tape |
| Packaging Quantity       | 4000                     |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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